

Wildfire Safety Advisory Board Meeting

March 11, 2020, 1-4 pm

400 R Street, Sacramento, CA 95811, Auditorium
Webcast: www.adminmonitor.com/ca/cpuc
Phone line: 1-800-857-1917, passcode 92105



Agenda

[0.] Welcome

- Pledge of Allegiance
- Safety Announcement
- Introduce Staff and Board Members
- Background on WSAB
- Agenda Review

[1.] Public Comment on Any Item

[2.] By-Laws

- Public Comment Items 3 & 4

[3.] Mission, Work Plan, Principles

[4.] Timeline

- Public Comment Item 5

[5.] Suggested approach to review of Publicly-Owned & Co-op Utilities' WMPs

[6.] Wildfire Safety Division Presentations:

- Review and discussion of Approval Criteria for Independent Evaluators
- Status of 2020 Wildfire Mitigation Plans Review

[7.] Public Comments



2020 Wildfire Safety Advisory Board Working Timeline

- Wildfire Safety Advisory Board (WSAB) Recommendation Deadlines
- WSAB Meeting Date
- WSAB Meeting Materials Posting Deadline
- Publicly Owned Utilities & Co-Operatives (POU) Deadline for WMPs
- Wildfire Safety Division (WSD) or CPUC Deadline

Before 1/1/20
POU WMPs Prepared

12/16/19
CPUC Released 2020 IOU WMP Guidelines

2/7/20
2020 IOU WMPs Submitted to WSD

3/1/20
Post Materials

3/2/20
2020 IOU Updated WMPs Submitted

3/11/20
Vote on Bylaws and IOU WMP Review Principles

3/31/20
WSAB Draft 2020 IOU WMP Recommendations Due to WSD

4/03/20
Post Materials

4/15/20
Vote on 2020 IOU WMP Recommendations

4/15/20 (or sooner)
WSAB Accepts POU WMPs

5/7/20
WSD Certification Determinations on IOU WMPs Due to CPUC

5/15/20
Post Materials

5/27/20
Discuss DRAFT 2021 IOU Recommendations on WMP Guidelines, Metrics, Safety Culture

6/12/20
Post Materials

6/24/20
Vote on 2021 IOU WMP Recommendations

7/1/20
POU WMPs Due to WSAB

6/30/20
WSAB Final 2021 WMP Recommendations Due to WSD

?
WSAB Issues POU Advisory Opinions

10/31/20
WSD 2021 WMP Guideline Recommendations Due to CPUC

12/31/20
CPUC Releases 2021 IOU WMP Guidelines

Feb | Mar | Apr | May | Jun | Jul | Aug

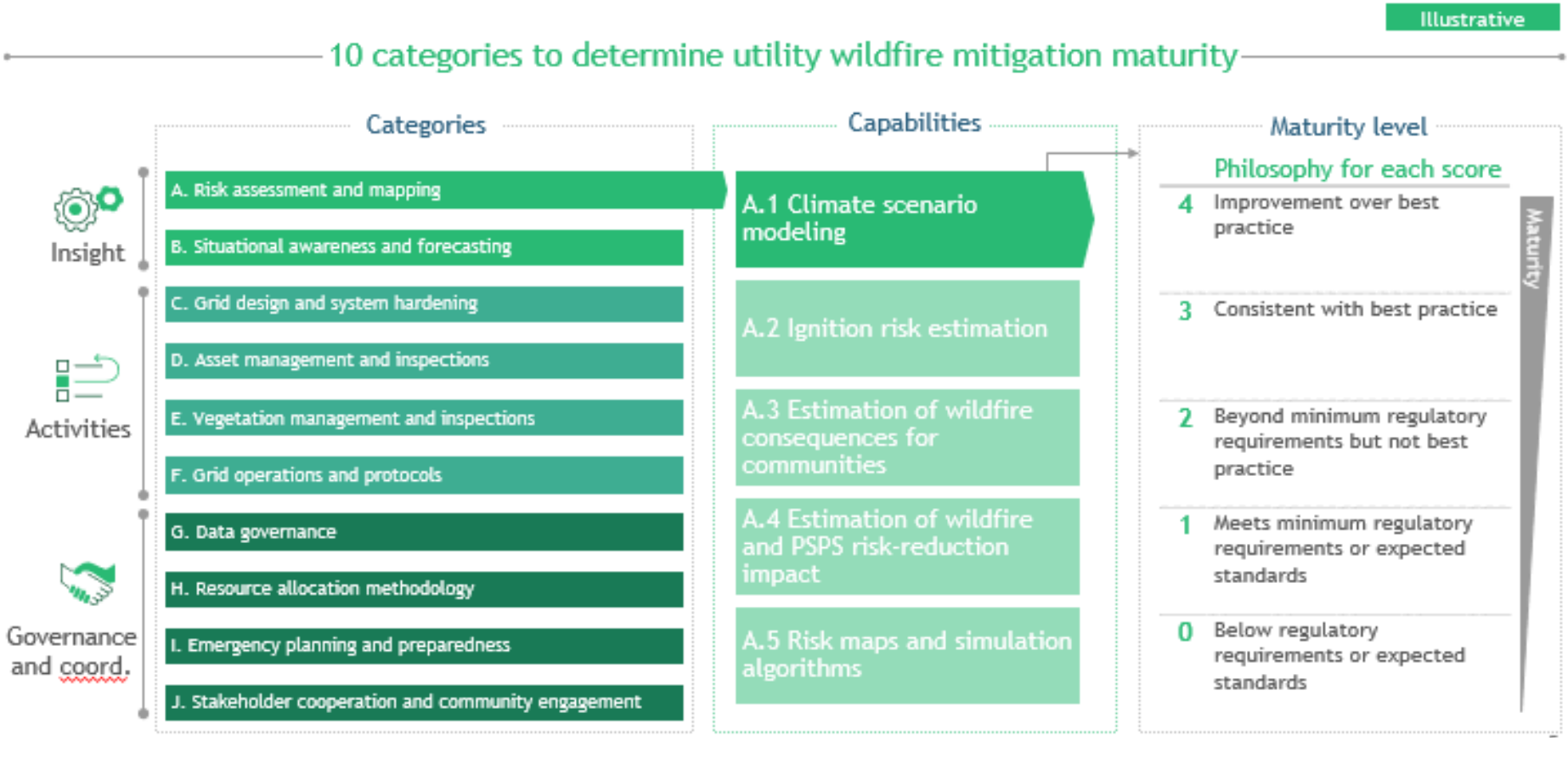


POUs Fully Engaged in Wildfire Mitigation Plans using Community-Based Compliance Strategies

- 45 POUs serve 10% of California's Tier 2 & 3 Regions
  - 9% of high fire risk areas are two utilities: Trinity Public Utility District and Lassen Municipal Utility District
  - Remaining 1% scattered across the state; POUs range from large to very small, urban/rural, forest/desert
  - Mostly distribution utilities (both overhead and underground), a few with transmission line ownership
  - Each POU complies using common-sense methods best for their electric grid and service territory
- Local governance allows POUs high degree of local coordination with fire agencies
  - Fire department experts frequently review WMPs. Fellow city departments, including public safety, planning & zoning, and others, naturally coordinate fire mitigation efforts across city operations
- Taking action to mitigate wildfire in ways reflective of each local community
  - Aggressive vegetation management – increasing investment for many years
  - Detailed inspection and evaluation of all facilities to identify priorities for replacement/change/resiliency
  - Hardening facilities that are vulnerable, as well as necessary for continuous service
  - Focused on emergency management mitigation/response to protect homes and businesses
  - Extensive industry and community conversations to prioritize prevention, capital investment, monitoring, PSPS, insurance, and property owner mitigation measures

Utility Wildfire Mitigation Maturity and Assessment

Scoring against capabilities for each category, with higher scores indicating more mature approaches to wildfire risk.



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52 Capabilities to Assess Wildfire Mitigation Maturity

(4-6 per category, scored on zero to four scale)

Category	Capability I	Capability II	Capability III	Capability IV	Capability V	Capability VI
A Risk assessment and mapping	Climate scenario modeling	Ignition risk estimation	Estimation of wildfire consequences for communities	Estimation of wildfire and PSPS risk-reduction impact	Risk maps and simulation algorithms	
B Situational awareness and forecasting	Weather variables collected	Weather data resolution	Weather forecasting ability	External sources used in weather forecasting	Wildfire detection processes and capabilities	
C Grid design and system hardening	Approach to prioritizing initiatives across territory	Grid design for minimizing ignition risk	Grid design for resiliency and minimizing PSPS	Risk-based grid hardening and cost efficiency	Grid design and asset innovation	
D Asset management and inspections	Asset inventory and condition assessments	Asset inspection cycle	Asset inspection effectiveness	Asset maintenance and repair	QA/QC for asset management	
E Vegetation management and inspections	Vegetation inventory and condition assessments	Vegetation inspection cycle	Vegetation inspection effectiveness	Vegetation grow-in mitigation	Vegetation fall-in mitigation	QA/QC for vegetation management
F Grid operations and operating protocols	Protective equipment and device settings	Incorporating ignition risk factors in grid control	PSPS op. model and consequence mitigation	Protocols for PSPS initiation	Protocols for PSPS re-energization	Ignition prevention and suppression
G Data governance	Data collection and curation	Data transparency and analytics	Near-miss tracking	Data sharing with research community		
H Resource allocation methodology	Scenario analysis across different risk levels	Presentation of relative risk spend efficiency for portfolio of initiatives	Process for determining risk spend efficiency (RSE) of veg. mgmt. initiatives	Process for determining RSE of system hardening initiatives	Portfolio-wide initiative allocation methodology	Portfolio-wide innovation in new wildfire initiatives
I Emergency planning and preparedness	Wildfire plan integrated with overall disaster/emergency plan	Plan to restore service after wildfire outage	Emergency community engagement during and after wildfire	Protocols in place to learn from wildfire events	Processes for continuous improvement after wildfire and PSPS	
J Stakeholder cooperation and community engagement	Cooperation and best practice sharing with other utilities	Community engagement on utility wildfire mitigation initiatives	Engagement with LEP and AFN populations	Collaboration with emergency response agencies	Collaboration on wildfire mitigation planning with stakeholders	

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Review of POU WMPs

The Board will review the Publicly Owned Utility and Cooperative plans in the best interest of the public.



For more information:

www.cpuc.ca.gov/wsab

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